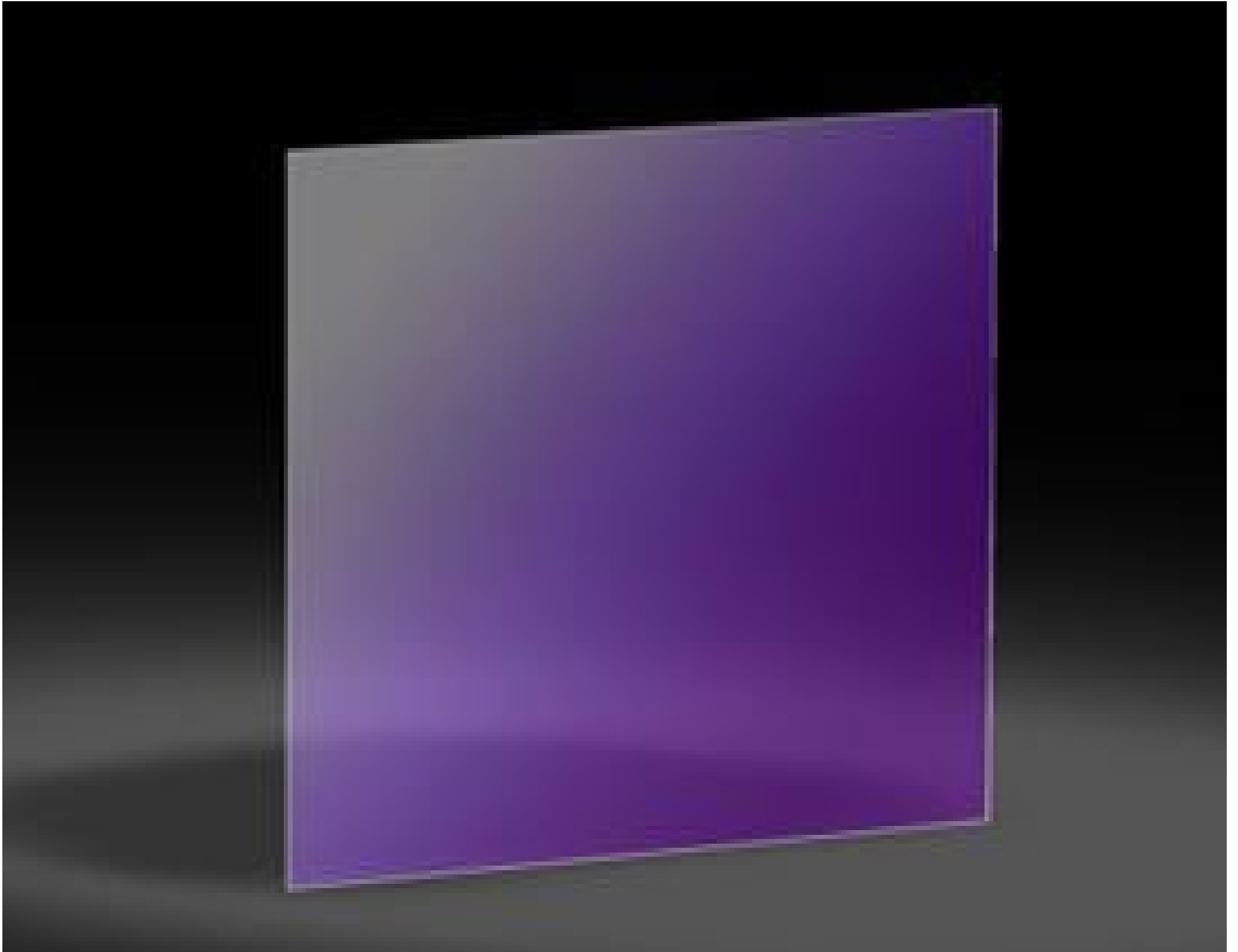


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## 50 x 50mm, 0.7mm Thick, EAGLE XG® Window



Stock #18-296 **20+ In Stock**

- 1 + MRP ₹4,137

**i** Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹4,137 each
Qty 6-25	₹3,330 each
Qty 26-99	₹3,128 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Protective Window **Type:**  
Glass **Type of Window:**

### Physical & Mechanical Properties

45.00 x45.00 **Clear Aperture CA (mm):**

50.00 x 50.00 ±0.25	<b>Dimensions (mm):</b>
0.70 ±0.07	<b>Thickness (mm):</b>
50.00	<b>Length (mm):</b>
50.00	<b>Width (mm):</b>
Protective as needed	<b>Bevel:</b>
90	<b>Clear Aperture (%):</b>
Cut and Seamed	<b>Edges:</b>
0.23	<b>Poisson's Ratio:</b>
73.6	<b>Young's Modulus (GPa):</b>

## Optical Properties

Uncoated	<b>Coating:</b>
<b>EAGLE XG®</b>	<b>Substrate:</b> □
1.51	<b>Index of Refraction (n<sub>d</sub>):</b>
80-50	<b>Surface Quality:</b>
350 - 2000	<b>Wavelength Range (nm):</b>

## Material Properties

2.38	<b>Density (g/cm<sup>3</sup>):</b>
3.17 (0 to +300°C)	<b>Coefficient of Thermal Expansion CTE (10<sup>-6</sup>/°C):</b>

## Regulatory Compliance

<b>Compliant</b>	<b>RoHS 2015:</b>
<b>View</b>	<b>Certificate of Conformance:</b>
<b>Compliant</b>	<b>Reach 247:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</b>

## Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

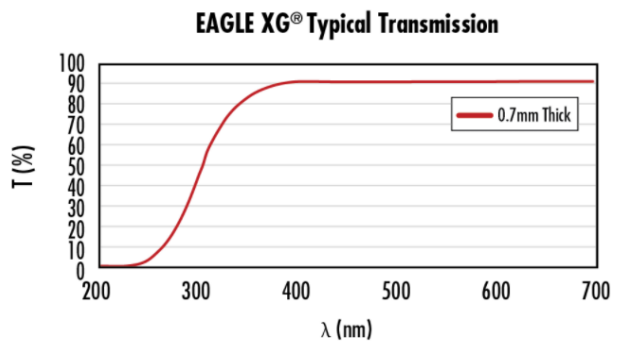
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Product Details

- Thin 0.7mm EAGLE XG® Substrates
- High Chemical Resistance and Excellent Durability
- Low Density for Weight Sensitive Applications

EAGLE XG® Windows are constructed from heavy-metal free glass through a fusion drawn process, providing these windows with exceptionally smooth, flat surfaces. These windows have high transmission in the visible spectrum, excellent environmental durability, and high chemical resistance. The low density of Corning® EAGLE XG® coupled with the thinness of these windows makes them ideal for weight and space sensitive applications. EAGLE XG® Windows are used as substrates for mobile device LCDs, substrates for polarizers, wafers for semiconductor applications, or protective windows for electronic displays.

## Technical Information



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